

Manhole Inspection Summary

Manhole # S35Q__008MH

Printed On: 5/28/2009

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **35Q** Node: **008** Status: **Found**

Insp Date: **3/24/09 1:59 PM**

Incomplete Comments

Crew: **REI**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **16 W CROSS ST**

Cross Street: **S HANOVER ST**

Manhole Type: **Terminal**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments **BROKE AND REPLACED COVER TO COMPLETE INSPECTION (see photos)**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **1** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **4** (in.)

Condition: ☐ Sound

☒ **Cracked**

☐ Root Intrusion

☐ Loose Brick

☒ **Deteriorated**

Infiltration: ☐ None

☐ Joint

☒ **Cracks**

☐ Mortar

☐ Roots

☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound

☒ **Cracked**

☐ Root Intrusion

☐ Loose Brick

☒ **Deteriorated**

Infiltration: ☐ None

☐ Joint

☒ **Cracks**

☐ Mortar

☐ Roots

☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **D-Shape**

Diameter: **42** (in.) Length: **48** (in.)

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

Bench

☐ Exists Material:

☐ Parged

Condition: ☐ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth: **0**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☐ Debris

Steps

Count: **3**

Missing: **0**

☐ Corroded

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.)

☐ Active Surcharge Present

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Location View



Top View



MISC.



REPLACED BROKEN COVER

MISC.



PIPE INTRUSION @ 6 OCLOCK
CORBEL WALL

MISC.



BROKE COVER IN OPENNING
ATTEMPT

Defect 7



INFILTRATION @ CHIMNEY CRACKS

Defect 6



CRACKED CHIMNEY BRICKS

Defect 5



DETERIORATED CORBEL

Defect 4



INFILTRATION @ BARREL WALL

Defect 3



CRACKED CORBEL BRICK,
INFILTRATION IN CRACK

Defect 2



DETERIORATED CHIMNEY

Defect 1



FRAME OFFSET

Defect 8



INFLOW EVIDENCE FROM SHEETING

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **7.60** (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **1** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection